INSTALLATION STATUS REPORT (ISR)
ENVIRONMENT
PROGRAM OVERVIEW BRIEFING

Centralized Training
Dallas, Texas

12 - 16 Jan 2004

Help Us Help You

- Only one group discussion at a time
- There is no such thing as a “stupid question” - every question is important
- Stop us at any time during the presentation for questions or help. **We are here to help you**
- Programmatic/Policy related discussions may be held off-line
- No food or drinks at training tables
- Set your cell phone to vibrator mode, and feel free to take all calls outside the classroom
- No surfing the Internet during training sessions
- No playing computer games during training sessions

ISR Environment Training

Agenda

1. Overview of the ISR Environment Program - One Ho
   - 2003 Baseline Data Results
   - 2003 AAR Issues and Resolution
   - 2004 Data Collection – What is New?
   - Future Initiatives
2. Understanding ISR2 Process - One Hour
   - Standards and Methodologies
   - Understanding ISR2 Ratings and Calculations
   - Feeder Systems Data in ISR2
   - ISR Submission Process and Milestones

ISR Environment Training

Agenda (Cont.)

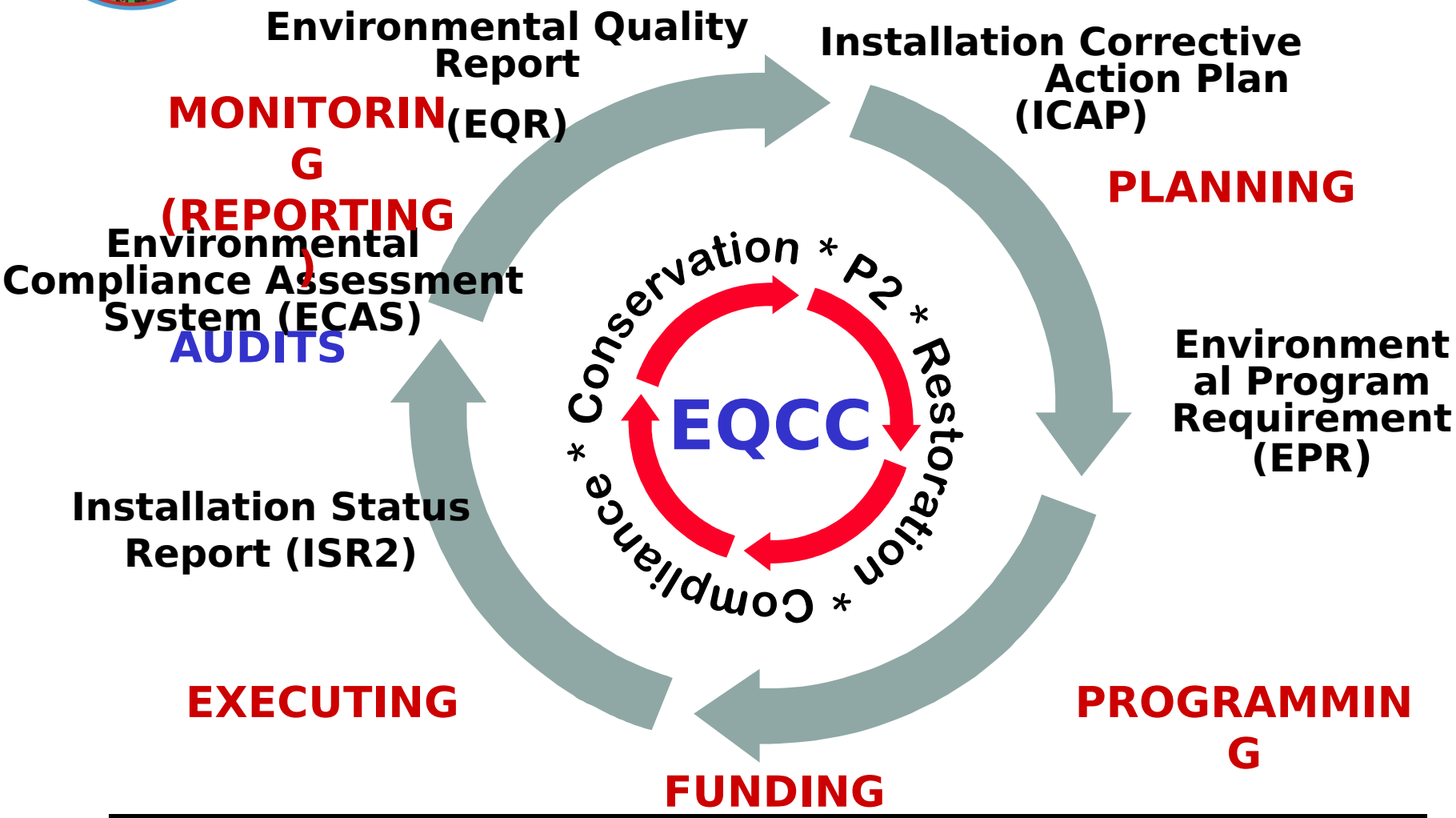
3. Hands on ISRWeb-Environment, Data Collection Modu
   Six Hours
   - ISR Web-Environment: Software/System Components
   - Functionality
   - Data entry
   - Data validation for EPR and ERS projects
   - Comments and overwrites
   - Reports and Figures
   - Validation and transfer of data

4. Hands on ISRWeb-Environment, Command Viewer Mo
   Two Hours
   - Functionality
   - Data approval/return

Overview of ISR Environment Program

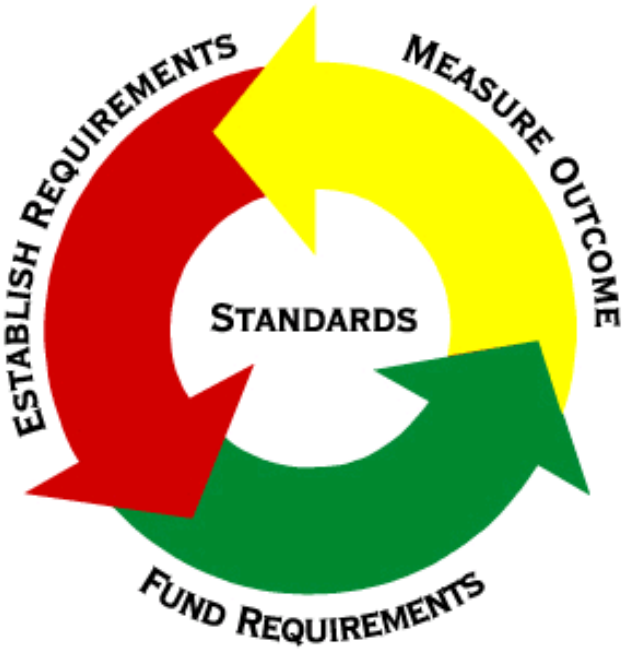
Ms. Kathleen Bartholomew
Program Manager, ISR Environment
ACSIM/ODEP

Installation Environmental Cycle



ISR is a Decision-Support System

This Is What 'Sells' In Supporting Requirements



Manage Installations to Standards

▶Concept:
Connect Resources to Outcomes
Measured Against Standards

Categorize $ Requirements:
- Sustainment of Outcomes
- Improvement of Outcomes

▶Approach:
Set Standards - ISR
Establish $ Requirement - AIM-HI & ISR
Fund $ Requirement - POM
Measure Outcome - ISR

Program Objectives

- Capture the *macro-level condition* of the Army's enviro program to improve the justification and prioritization o limited resources.
- Improve the *visibility* of environmental programs and p Commanders at all levels a tool for evaluating the statu environmental programs.
- Identify *trends* and *sub-standard* components of environmental programs that may impact on *readiness.*

2003 Baseline Data Results

Army-wide Pillar Status (1997 to 2003)

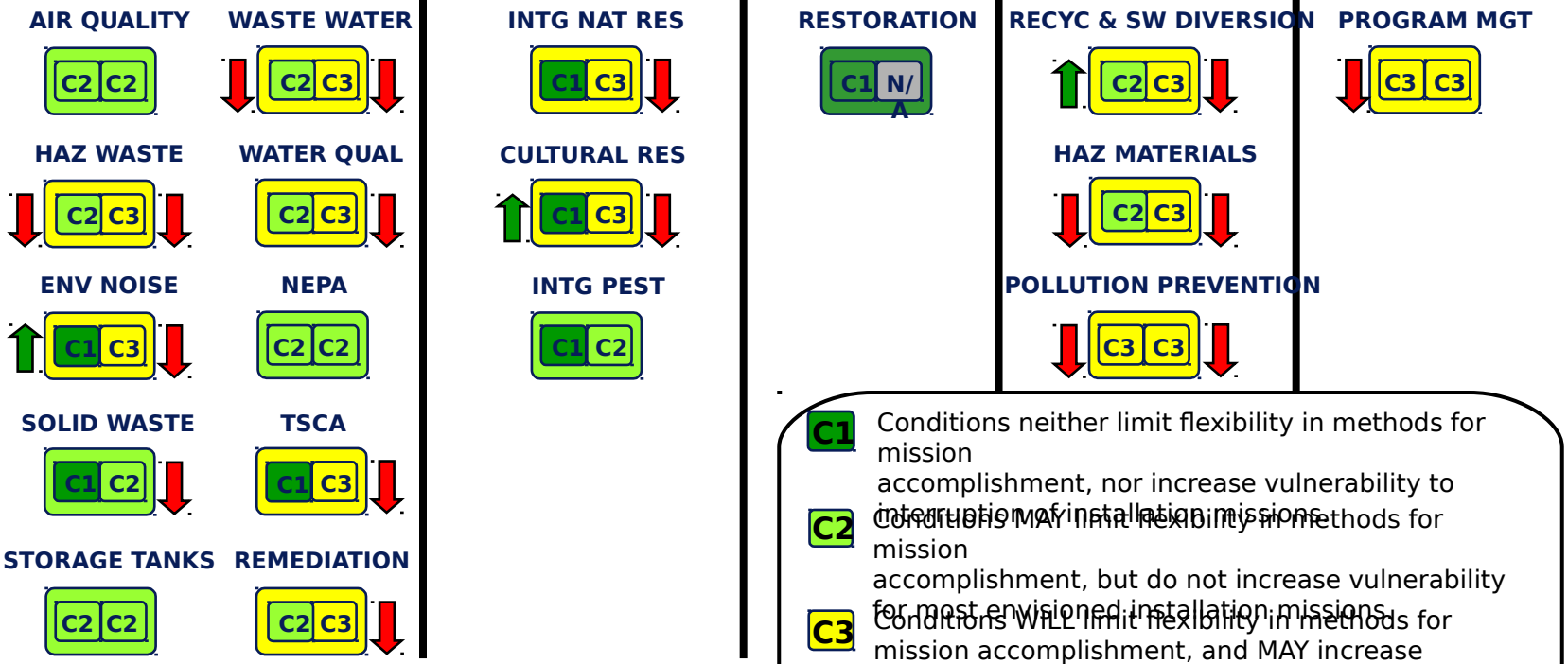
	Compliance	Conservation	Restoration	Pollution Prevention	Foundation
2003	C2 C3 Details	C1 C3 Details	C1 NA Details	C2 C3 Details	C3 C3 Details
2002	C2 C2 Details	C2 C2 Details	C1 C1 Details	C2 C2 Details	C2 C3 Details
2001	C2 C2 Details	C2 C2 Details	C1 C1 Details	C2 C2 Details	C1 C3 Details
2000	C1 C3 Details	C2 C2 Details	C1 C2 Details	C1 C3 Details	C1 C3 Details
1999	C2 C2 Details	C2 C2 Details	C1 C2 Details	C2 C3 Details	C1 C2 Details
1998	C2 C2 Details	C2 C2 Details	C1 C2 Details	C2 C3 Details	C1 C3 Details
1997	C1 C1 Details	C2 C3 Details	C1 C2 Details	C2 C4 Details	C1 C2 Details

2003
151 Standards

2000-2002
401 Standards

1997-1999
620 Standards

2003 Army-Wide Pillar/Media Results



C1 Conditions neither limit flexibility in methods for mission accomplishment, nor increase vulnerability to interruption of installation missions.

C2 Conditions MAY limit flexibility in methods for mission accomplishment, but do not increase vulnerability for most envisioned installation missions.

C3 Conditions WILL limit flexibility in methods for mission accomplishment, and MAY increase vulnerability for MANY, but not all, installation missions. The installation requires additional resources for mission accomplishment.

C4 Conditions WILL limit flexibility in methods for mission accomplishment and WILL increase vulnerability for MOST Installation missions. Installation requires significant additional resources to accomplish its missions.

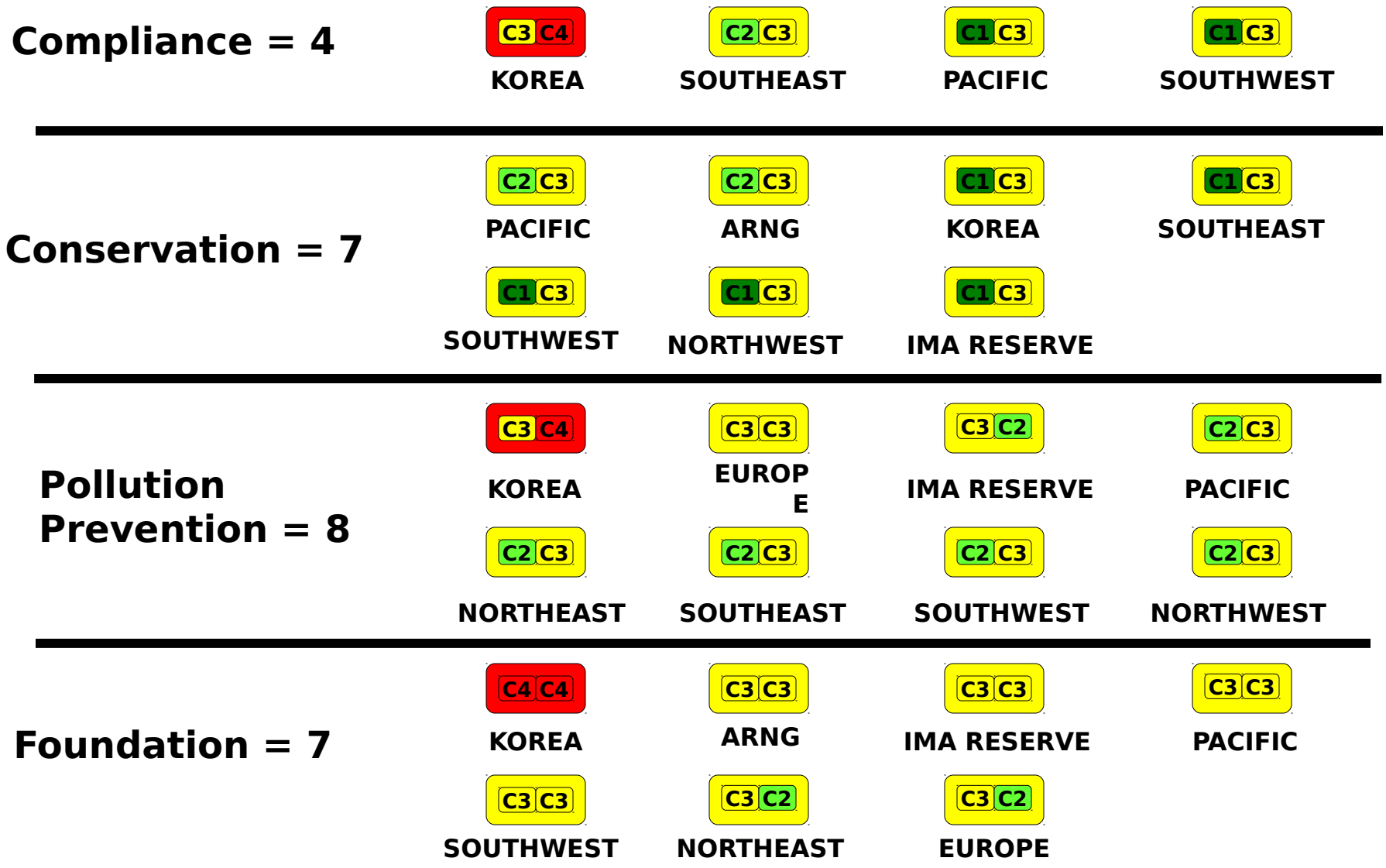
2003 Region Pillar Results

	COMPLIANCE	CONSERVATION	RESTORATION	POLLUTION PREVENTION	FOUNDATION
ARNG	C1 C2	C2 C3	N/A N/A	C2 C2	C3 C3
EUROPE	C2 C2	C1 C1	N/A N/A	C3 C3	C3 C2
IMA RESERVE	C1 C2	C1 C3	C1 N/A	C3 C2	C3 C3
KOREA	C3 C4	C1 C3	N/A N/A	C3 C4	C4 C4
NORTHEAST	C2 C2	C1 C2	C2 N/A	C2 C3	C3 C2

2003 Region Pillar Results (cont.)

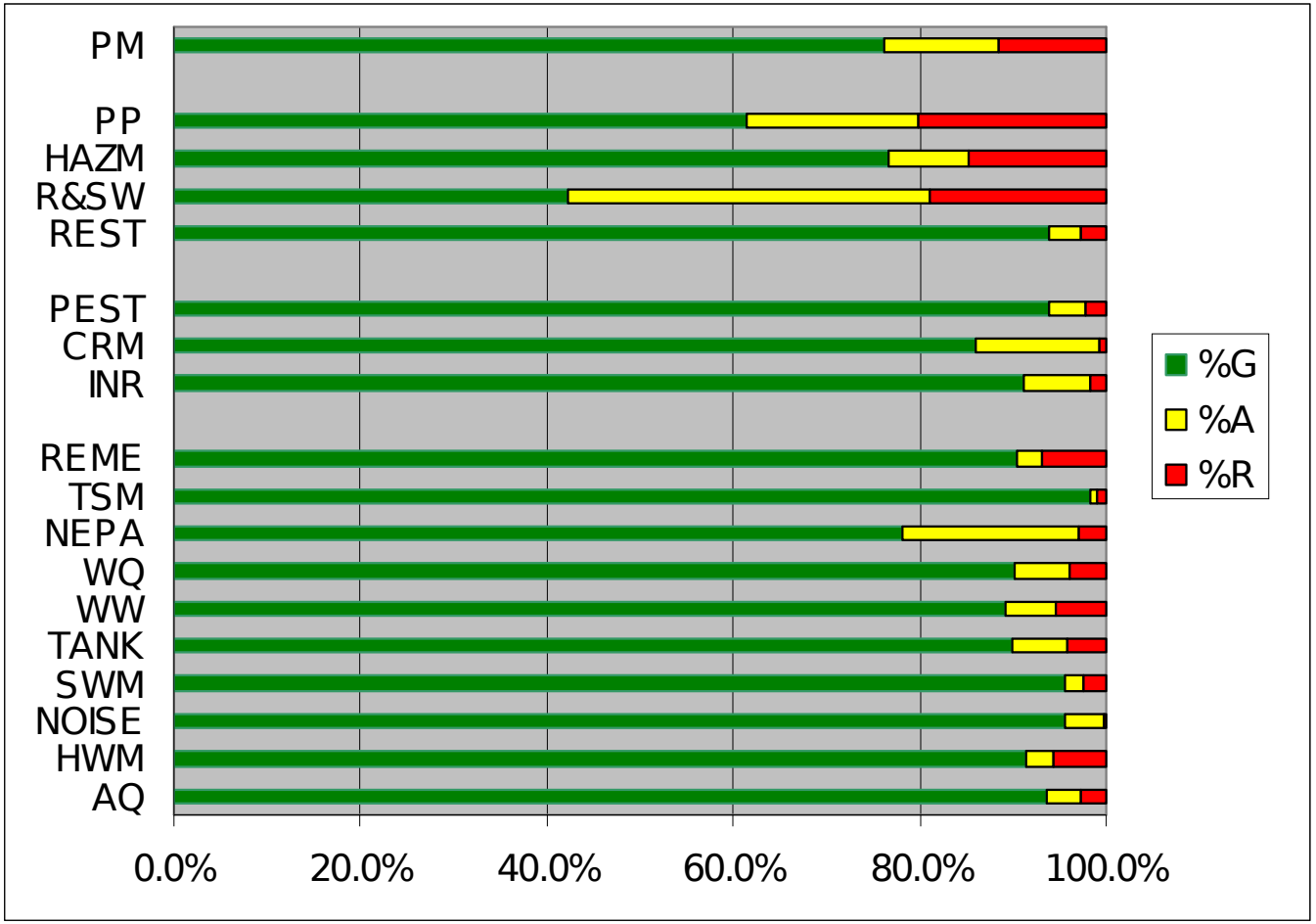
	COMPLIANCE	CONSERVATION	RESTORATION	POLLUTION PREVENTION	FOUNDATION
NORTHWEST	C1 C2	C1 C3	C2 N/A	C2 C3	C2 C2
PACIFIC	C1 C3	C2 C3	C1 N/A	C2 C3	C3 C3
SOUTHEAST	C2 C3	C1 C3	C1 N/A	C2 C3	C2 C2
SOUTHWEST	C1 C3	C1 C3	C1 N/A	C2 C3	C3 C3

Region C-3/C-4 Rating by Pillar

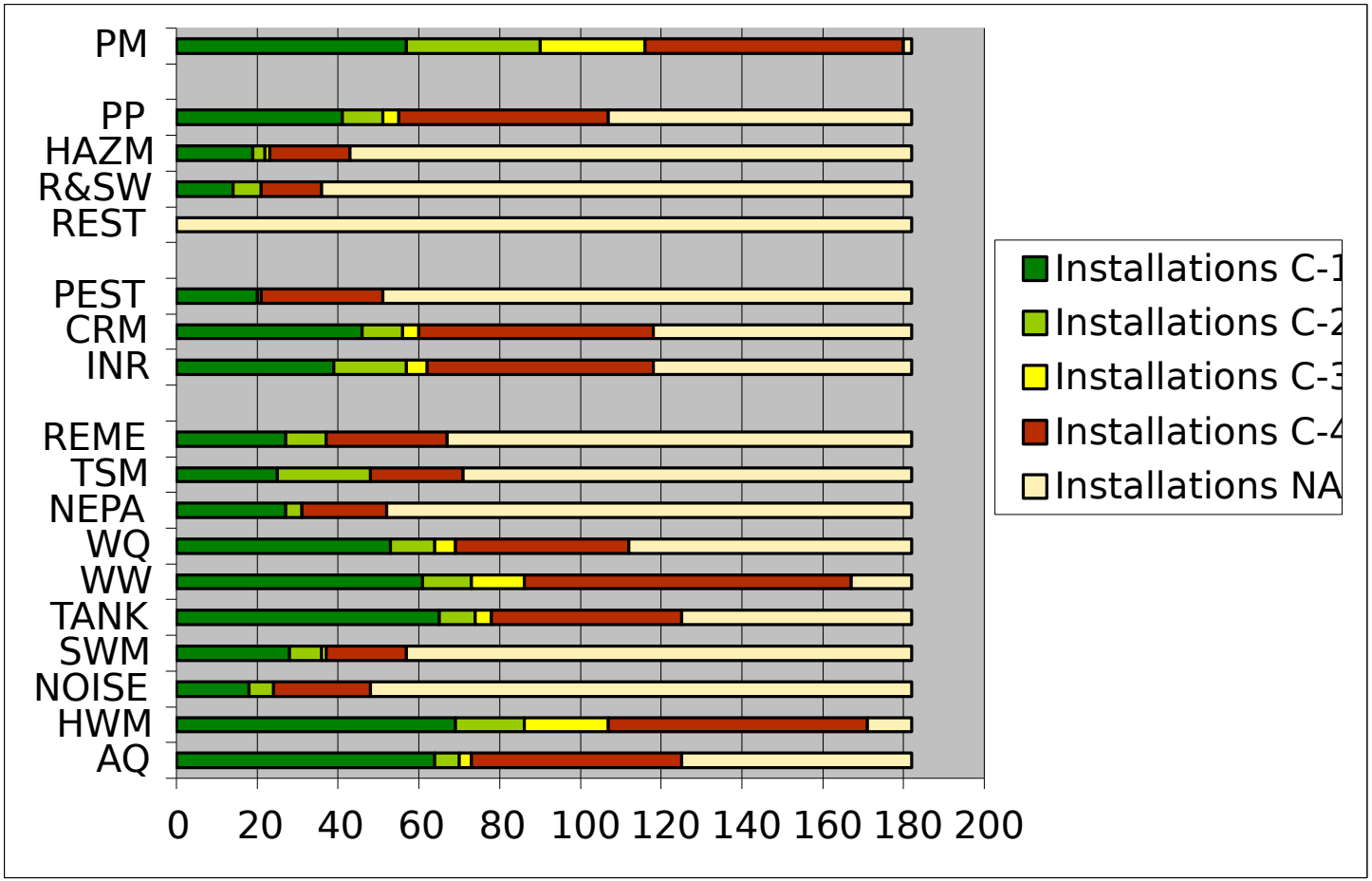


Distribution of RAG Responses

Qualitative Standards

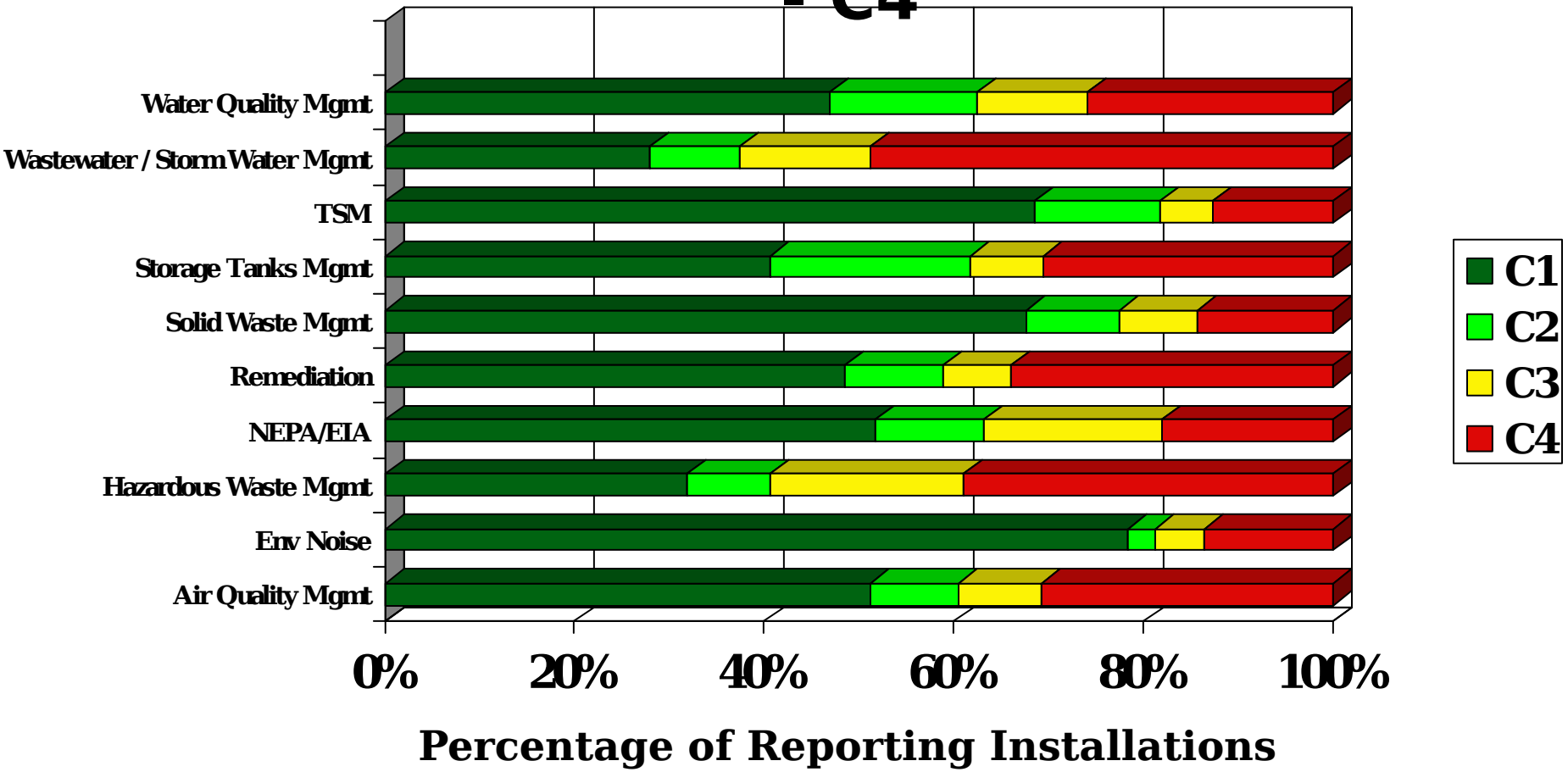


Distribution of Quantitative C-Ratings



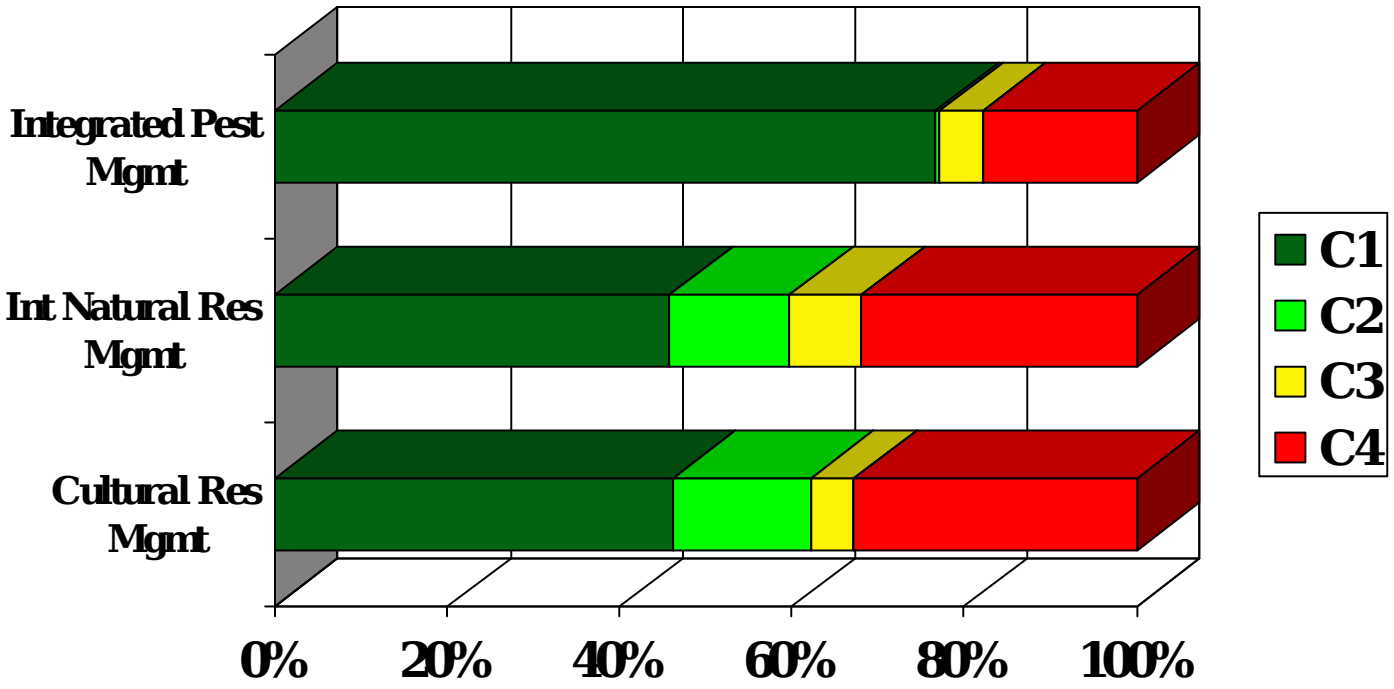
Media

Percentage of Installations C1 - C4



Conservation Pillar - All Media

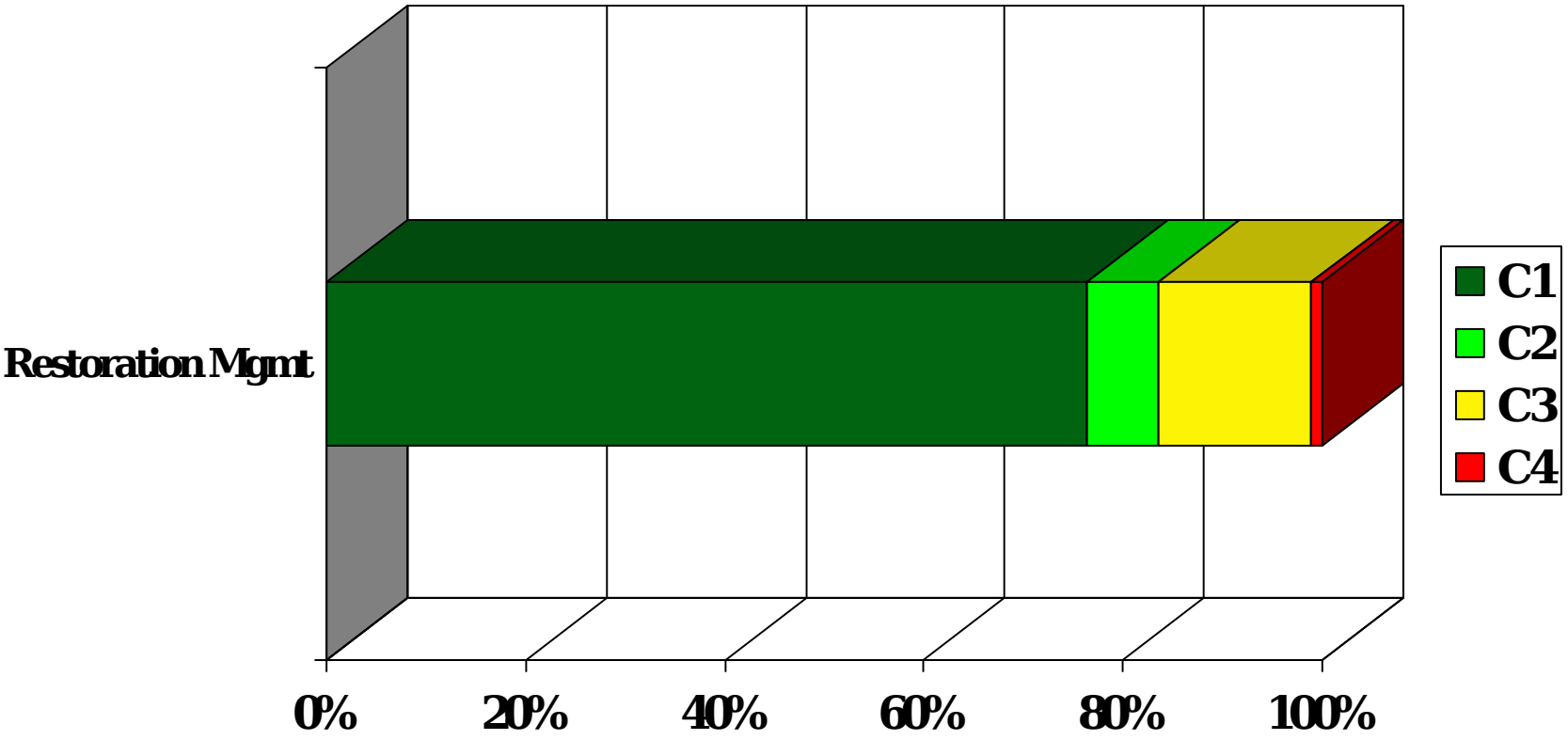
Percentage of Installations C1 - C4



Percentage of Reporting Installations

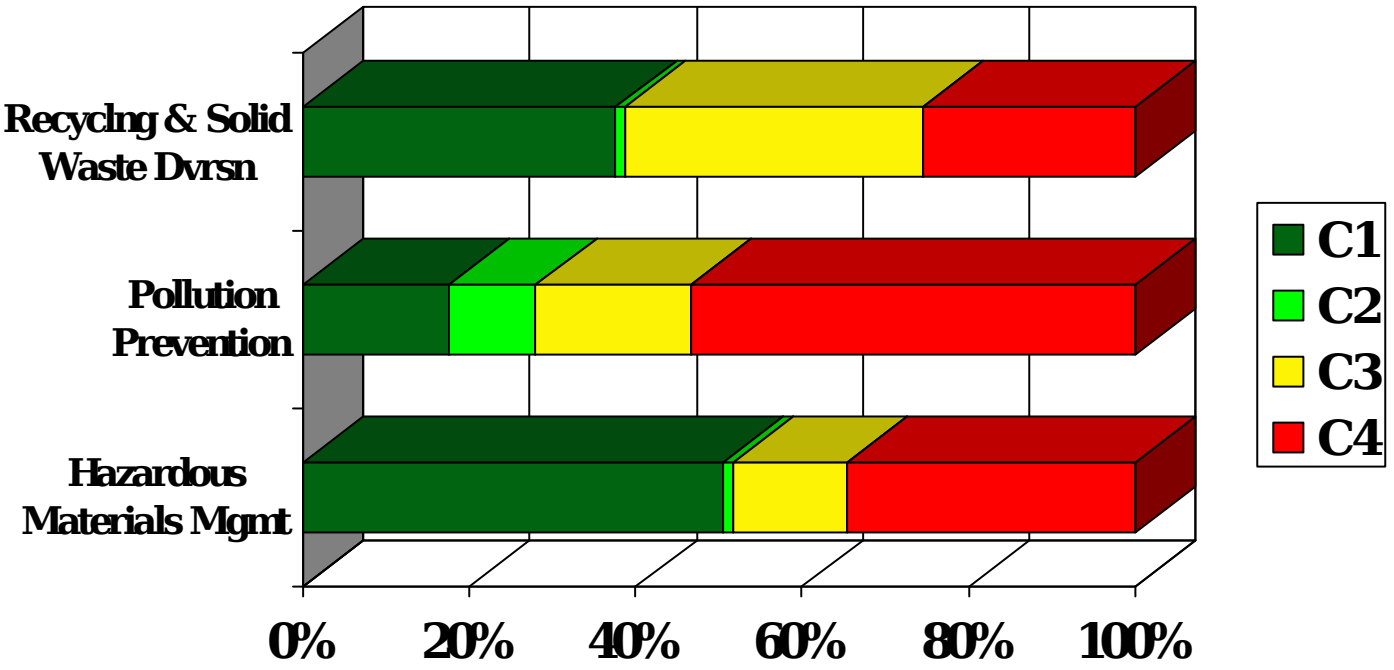
Restoration Pillar - All Media

Percentage of Installations C1 - C4



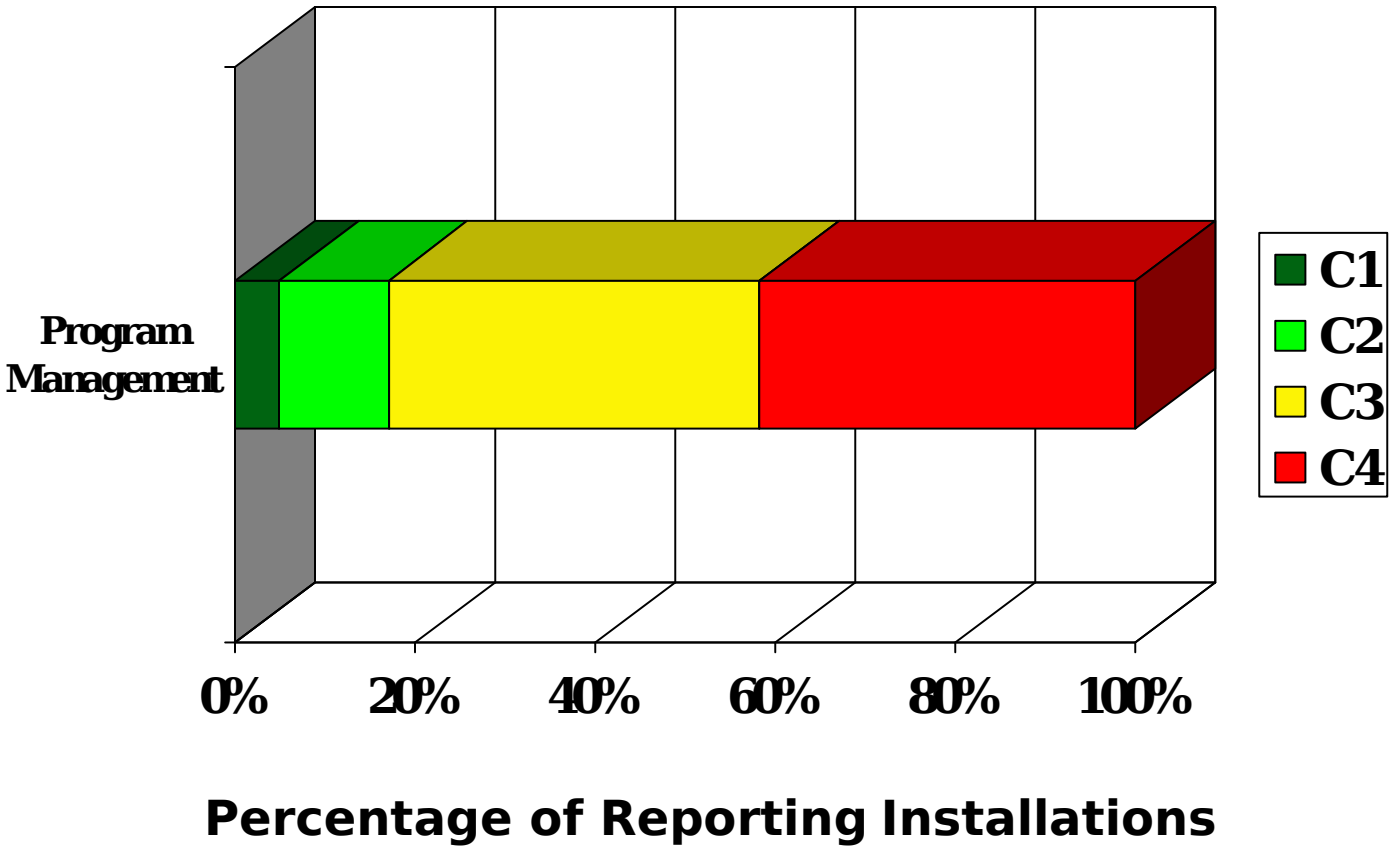
P2 Pillar - All Media

Percentage of Installations C1 - C4



Foundation Pillar - All Media

Percentage of Installations C1 - C4



AAR 2003 – ISR Environment

Issue Papers Received: 84

- **Data: 8** (SWRO 2, NWRO 4, IMA Reserve 1, ISR Team 1)
- **Process & Procedures: 22**
  (SWRO 3, NWRO 11, ARNG 1, EURO 1, PARO 1,
  IMA Res 1, AEC/ISR Team 4)
- **Performance Measures & Standards: 34**
  (SWRO 4, NWRO 15, NERO 1, EURO 3, ARNG 8, AEC 3)
- **Systems & Software: 30** (EURO 9, ARNG 2,
  NWRO 8, PARO 2, SWRO 4, AEC/ISR Team 5)
- **Training: 4** (SWRO 1, NWRO 1, ARNG 1, EURO 1)

AAR 2003 - ISR Environment

Issues/Resolutions

- **Data:**
  - **Recommend to include all funding information (BASOPs and Mission Projects) for calculating quantity C-rating for 2004 data call. Development of a consistent funding policy must be presented to and decided by leadership.**
  - **Validated EPRWeb requirements will be used for calculating quantitative C-rating.**
  - **To ensure data consistency among ISR feeder systems, ISR Environment Standards that are top-loaded from EQR and/or AEDB-R will be locked starting the 2004 data call. User will not have the ability to edit the data once locked.**

AAR 2003 - ISR Environment

Issues/Resolutions

- **Process:**
  - **ISR methodology for calculating C-Rating has been modified to**
    eliminate effects of averaging media and pillar results above
    installation level.

    - Quality C-rating: The AAR approved "direct method" assigns qualitative C-ratings for all organizations (installations, BSB, ASG, Regions and the Army) by rolling RAG responses of all standards under each media/pillar.

    - Criteria for C-2 rating has been modified:
    >= 80% green and <= 5% red (for installations and IMA/ARNG)

    - Quantity C-rating: The AAR approved "direct method" assigns
    C-ratings for all organizations by rolling funding and

AAR 2003 - ISR Environment

Issues/Resolutions

- **Process: (Contd.)**
  - **ISR methodology for calculating % RAG for selected standards will be modified to be consistent with the Compliance Quality Index (CQI) methodology approved for ISR Services.**
  - **Based on the utility of ISR Environment and the outcome of the IMA Special Installation Task Force, the need for GOCO installations to report ISR Environment will be revisited.**
  - **An additional 35 ARNG training sites will report 2004 data call (Consistent with ISR Infrastructure).**

AAR 2003 - ISR Environment

Issues/Resolutions

- **Standards:**
  - **New EMS standards will be added to ISR Standards and top-loaded as the data is collected in EQR (likely in 2005).**
  - **Display of separate C-rating for Mission Impact Standards to be referred to leadership for a decision.**
  - **Several minor tweaks to clarify existing standards recommended.**
- **Training:**
  - **DPTM personnel will be included for 2004 training.**

AAR 2003 - ISR Environment

Issues/Resolutions

- **System Software:**

  – **Mission standards requiring mandatory comments need a separate comment field.**

  – **ISR report for Commander's signature will be available as "Draft"until the data is validated.**

  – **Several enhancements adopted to make the existing system more user friendly.**

  – **Several tweaks to existing data elements to accommodate user input.**

  – **Modified Project and Funding reports.**

2004 Data Collection – What is Ne

Note: Minimum Changes for 2004 data call

1. **Change in Qualitative C-Rating algorithm for ALL Media:**
   - C-2: Green >= 80% and Red <=5%
   - (was % Green > % Amber and No Red in 2003)

     e.g. 51% green and 49% amber could result in C-2 rating!

2. **Pollution Prevention Media Qualitative Standard # 6: Change in percentages for assigning Red/Amber/Green**
   - Green 90% to100% (was 70% to 100% in 2003)
   - Amber 70% to < 90% (was 40% to < 70% in 2003)
   - Red < 70% (was < 40% in 2003)

3. **Recycling and Solid Waste Media Qualitative Standard #1: Change in percentages for assigning Amber and Red**
   - Amber 30% to 39% (was 10% to 39% in 2003)
   - Red <30% (was <10% in 2003)

2004 Data Collection – What is Ne

4. ECAS references used in the following media standards in 2003 have been replaced with appropriate EPAS references for 2004.

- Air Quality Management Qual Std # 7
- Hazardous Waste Management Qual Std # 7
- NEPA/EIA Qual Std # 3
- Solid Waste Management Qual Std # 6
- Storage Tank Management Qual Std # 7
- Toxic Substances Management Qual Std # 7
- Wastewater & Storm Water Management Qual Std # 7
- Water Quality Management Qual Std # 10

2004 Data Collection – What is Ne

5. Minor fine tuning in the following media standards:

- Storage Tank Management Qual Std # 10:
- Hazardous Materials Management Qual Std # 2
- Pollution Prevention Qual Stds # 2, 3 and 4
- Program Management Qual Std # 4

6. Data Elements for the following media Qual Stds have been provided with additional clarification on the minimum quantity that can be entered:

- Recycling & Solid Waste Diversion Qual Std # 1
- Hazardous Materials Management Qual Std # 2
- Pollution Prevention Qual Stds # 1, 2, and 3

2004 Data Collection – What is Ne

7. Users will not be able to edit top loaded EPRWeb "OR" ERS data (ERS Data N/A for OCONUS).

8. Most frequently used acronyms added to global dictionary.

9. Printing ISR for Commanders signature will be possible only after the input data is validated.

10. An additional 35 ARNG Training Sites will report ISR Environment for 2004 Data Call (Consistent with ISR Infrastructure).

2004 Data Collection – What is Ne

11. Changes in Qual and Quan Pillar C-rating methodology:

Averaging Media C-rating to assign Pillar C-rating has been replaced by a new Direct Method. Multiple averaging across levels tends to lose detail and mask underlying problems. New methodology is consistent across all organizations (installations, IMA/ARNG, and the Army)

Qual Media C-rating:

Based on %RAG responses for all the standard responses within Media at an organizational level (e.g. AQM Media C-rating at installation level, is based on 10 Qual standard responses)

Qual Pillar C-rating:

Based on %RAG responses for all standard responses in all Media within the Pillar (e.g. Compliance Pillar C-rating at installation level, is based on 85 Qual standard responses included in the 10 Media under Compliance Pillar)

2004 Data Collection – What is Ne

11. Changes in Qual and Quan Pillar C-rating methodology: (Cont.)

Quan Media C-rating:

Based on ISR *Adjusted* Obligation Rate for the Media at an organizational level (e.g. WQM C-rating at the installation level is based on one Quan standard response). Applies to all media except Restoration and Program Mgmt.

Quan Pillar C-rating:

Based on ISR *Adjusted* Obligation Rate for all Media included in Pillar at an organizational level (e.g. Conservation Pillar C-rating at the installation level is based on responses from 3 Quan standards included in 3 Media under Conservation Pillar).

Quan Media/Pillar C-rating for Program Mgmt:

Based on cumulative responses for all standards (funding and personnel) at an organizational level.

Example of Direct Method to Calculate Qualitative C-rating Using RAG Responses

ISR Environment More Quality Detail

C2 C2

Organization:Army
Media: Air Quality Mgmt
Data Year: 2003

Standard	# Inst. Per Color Rating		
Significant noncompliance findings received in EPA Qtrly ECSR last FY. (NA OCONUS)	144	2	2
CONUS: Was installation assessed fines/penalties last FY. OCONUS: Any legal action against installation during last FY.	179	0	3
AQM issues adversely impacting mission.	165	17	0
CONUS: Installation received new ENFs in last FY. OCONUS: Installation received new formal written notices in last FY.	173	3	4
CONUS: Installation closed all admin/operational ENFs w/in 60 days. OCONUS: Installation addressed all admin/operational notices w/in 60 days.	89	3	3
CONUS: Installation closed all project type open ENFs by target closure date. OCONUS: Installation addressed all project type notices IAW HN requirements.	110	2	0
Repeat Class 1 and 2 findings identified in external ECAS in last FY.	82	4	8
# repeat findings received during regulatory inspections in last FY (#)	98	0	1
All operations requiring permit are permitted.	146	3	4
CONUS: The installation's level of compliance with CAA permit requirements in last FY. OCONUS: Was installation in compliance w/AQM FGS	138	20	13

# of Standards	# Green	%A	# Amber	%R	# Red	Total	% G	
10	1324		54		38	1416	93.5%	3.8%	2.7%

Qual C-Rating Changes as Result of New Metho

Results of Installation Responses to all Qualitative Standards - 2003 Draft Data

Media/Pillar	#Std	Green	Amber	Red	SUM	%G	%A	%R	Army Media Rating - Direct Method	Existing Averaging Method - 2003 results
AQ	10	1324	54	38	1416	93.5%	3.8%	2.7%	C2	C2
HWM	10	1077	35	67	1179	91.3%	3.0%	5.7%	C3	C2
NOISE	2	301	13	1	315	95.6%	4.1%	0.3%	C2	C1
SWM	9	1131	22	29	1182	95.7%	1.9%	2.5%	C2	C1
TANK	10	1194	79	55	1328	89.9%	5.9%	4.1%	C2	C2
WW	10	1197	74	72	1343	89.1%	5.5%	5.4%	C3	C2
WQ	13	1140	75	49	1264	90.2%	5.9%	3.9%	C2	C2
NEPA	3	359	86	14	459	78.2%	18.7%	3.1%	C3	C2
TSM	8	1056	7	11	1074	98.3%	0.7%	1.0%	C2	C1
REME	10	430	13	33	476	90.3%	2.7%	6.9%	C3	C2
COM PILLAR	**85**	**9209**	**458**	**369**	**10036**	**91.8%**	**4.6%**	**3.7%**	**C2**	**C2**
INR	6	898	70	16	984	91.3%	7.1%	1.6%	C2	C1
CRM	5	712	110	6	828	86.0%	13.3%	0.7%	C2	C1
PEST	2	310	13	7	330	93.9%	3.9%	2.1%	C2	C1
CON PILLAR	**13**	**1920**	**193**	**29**	**2142**	**89.6%**	**9.0%**	**1.4%**	**C2**	**C1**
REST	**9**	**589**	**22**	**17**	**628**	**93.8%**	**3.5%**	**2.7%**	**C2**	**C1**
R&SW	1	72	66	32	170	42.4%	38.8%	18.8%	C3	C2
HAZM	2	261	30	50	341	76.5%	8.8%	14.7%	C3	C2
PP	6	424	128	139	691	61.4%	18.5%	20.1%	C3	C3
P2 PILLAR	**9**	**757**	**224**	**221**	**1202**	**63.0%**	**18.6%**	**18.4%**	**C3**	**C2**
PM	**17**	**1968**	**313**	**300**	**2581**	**76.2%**	**12.1%**	**11.6%**	**C3**	**C3**
QL	**133**	**14443**	**1210**	**936**	**16589**	**87.1%**	**7.3%**	**5.6%**		

Check:

QN	**17**	**1 Std per media**
	1	**1 personnel std in PM**
Total Stds	**151**	

C1	**100% Green**
C2	**>= 80% Green and <= 5% Red**
C3	**All others**
C4	**> 25% Red**

Example of Direct Method for Calculating Quantitative C-rating
(all Media Except Restoration and Program Mgmt)

C1 C1

Media: Hazardous Waste Mgmt
Data Year: 2003

Standard	C-Rating
% HWM Requirements (0,1,2H) obligated last FY: (%)	C-1

Quantitative Data Elements	Quantity
HWM Must Fund Requirements in last FY (ISR Adjusted) ($)	140,700
HWM Must Fund Requirements obligated in last FY (Source: EPR Lock) ($)	140,700
HWM Must Fund Requirements in last FY (Source: EPR Lock) ($)	141,400
HWM Non-Must Fund Requirements in last FY ($)	95,000
HWM Non-Must Fund Requirements Obligated in last FY ($)	95,000

Army/IMA/ARNG media level Quan C-rating is calculated by summing ISR Adjusted Obligations and Requirements for all reporting organizations and assigning value based on the % obligation rate. Same methodology is used at installation level.

Direct Method of Calculating Quan C-rating Program Management Media

C1 C1

Media: Program Management
Data Year: 2003

Standard	C-Rating	Calc. Val
% PM Requirements (0,1,2H) obligated last FY: (%)	C-1	
% authorized environment FTE positions filled last FY: (%)		100

Quantitative Data Elements	Quantity
PM Must Fund Requirements in last FY (ISR Adjusted) ($)	188,310
PM Must Fund Requirements obligated in last FY (Source: EPR Lock) ($)	188,310
PM Must Fund Requirements in last FY (Source: EPR Lock) ($)	344,399
PM Non-Must Fund Requirements in last FY ($)	0
PM Non-Must Fund Requirements Obligated in last FY ($)	0
Number of authorized FTEs as of the end of most recently completed FY: ($)	3
Number of filled FTEs as of the end of most recently completed FY: (#)	3
Number recognized required environmental FTEs as of the end of most recently completed FY: (#)	3

Army/IMA/ARNG level Quan C-rating for Program Management will be sum
Adjusted requirements/obligations and authorized/filled FTEs to calculate

Future Initiatives

Future Initiatives

- Move towards 100% auto-population of ISR Environment Data (currently it is 44%).
- Validate/improve ISR Environment – outcome based standards.
- Link funding data sources as appropriate (ISR/EPRWeb/AEDB-R/DFAS).
- Validate PCM Concepts and Develop PCM.
- Environmental Services Performance Measures (beginning 2004).
- Encroachment Data in ISR Infrastructure (since 2003 data call).
- Strategic Readiness System.

ISR Services Environmental Standards

- Standardize level of services at installations
- Environment is one of the 95 ISR services
- Broken down into six services:
  - Service 58 - Indoor Pest Control – 1 metric
  - Service 59 - Outdoor Pest Control – 1 metric
  - Service 64 - Conservation Program – 4 metrics
  - Service 65 - Restoration Program – 1 metric
  - Service 66 - Compliance Program – 5 metrics
  - Service 67 - Pollution Prev Program – 5 metrics
- Used existing metrics where possible
- To view metrics, go to ACSIM website:

http://www.hqda.army.mil/acsimweb/homepage.sh

Strategic Readiness System

- Chief of Staff of the Army tool to assess readiness
- Desktop tool
- Resource decisions
- Nine environmental measures out of forty nine ACSIM
  - Two core competencies
  - Seven internal processes
- Used existing data or measures we know we will have to track

ISR Assistance

ISR Helpline:

Phone: **(703) 377-0552**
Fax: **(703) 902-3660**
Email: **helpline_isr@bah.com**
Hours: **0800-1700 M-F EST**

WEB SITE:

http://isr.hqda.pentagon.mil

Available for download from web site:

- **Standards and instruction package**
- **Implementing instructions**
- **Software user's manuals**